

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Previously presented) A transgenic mouse whose genome comprises a nucleic acid sequence encoding baculovirus gp64, wherein the gp64 is soluble and lacks a transmembrane region, and wherein the mouse is fertile.

2-15. (Cancelled)

16. (Currently amended) A method for producing an antibody to a target antigen, the method comprising: immunizing

(a) providing a transgenic mouse whose genome comprises a nucleic acid sequence encoding baculovirus gp64, wherein the gp64 is soluble and lacks a transmembrane region, and wherein the mouse is fertile, with;

(b) providing an immunogen comprising a baculovirus particle or a portion thereof, wherein said particle expresses the target antigen, and wherein said particle or portion thereof comprises gp64 and said target antigen, and wherein, if the immunogen comprises a baculovirus particle, the target antigen is a protein expressed on the surface of the particle; and

(c) immunizing the mouse with the immunogen, so that an antibody to the target antigen is produced.

17. (Currently amended) The method of claim 16, wherein the immunogen comprises a baculovirus particle and the said target antigen is a protein expressed on the surface of a baculovirus the particle.

18. (Previously presented) The method of claim 16, wherein said target antigen comprises a membrane protein.

19. (New) The method of claim 17, wherein the target antigen comprises a membrane protein.

20. (New) The method of claim 16, wherein the immunogen comprises a portion of a baculovirus particle, the portion comprising gp64 and the target antigen.

21. (New) The method of claim 20, wherein the target antigen comprises a protein.

22. (New) The method of claim 20, wherein the portion of a baculovirus particle comprises viral envelope.

23. (New) The method of claim 22, wherein the target antigen comprises a membrane protein.

24. (New) The method of claim 20, wherein the target antigen comprises a lipid or a sugar chain.

25. (New) The method of claim 16, wherein the mouse is male.

26. (New) The method of claim 17, wherein the mouse is male.

27. (New) The method of claim 20, wherein the mouse is male.

28. (New) The transgenic mouse of claim 1, wherein the mouse is male.